

# FUND 308

## PUBLIC WORKS CONSTRUCTION

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### ***Board of Supervisors' Adjustments***

***The following funding adjustments reflect all changes to the FY 2004 Advertised Budget Plan, as approved by the Board of Supervisors on April 28, 2003:***

- ◆ A net decrease of \$470,000 impacting the following programs and services:
  - Reduction of \$50,000 in Project A00002, Emergency Watershed Improvements, resulting in reduced funding available for emergency drainage repairs that arise throughout the fiscal year.
  - Reduction of \$100,000 in Project N00096, Dam Repairs, resulting in reduced funding available for inspections, monitoring, and repair of dams and emergency spillways.
  - Reduction of \$20,000 in Project U00005, Secondary Monumentation, resulting in reduced funding available for the maintenance and upgrading of existing GIS control points.
  - Reduction of \$25,000 in Project V00000, Road Viewer Program, resulting in reduced funding available for the upgrading of roads for acceptance into the State Secondary Road System.
  - Reduction of \$25,000 in Project V00001, Road Maintenance Program, resulting in reduced funding available for continued maintenance of Fairfax County roads not currently included in the Virginia Department of Transportation Secondary Road System.
  - Reduction of \$250,000 in Project Z00022, Municipal Separate Storm Sewer System, resulting in reduced funding available for activities associated with the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit, including water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory.

***The following funding adjustments reflect all approved changes to the FY 2003 Revised Budget Plan from January 1, 2003 through April 21, 2003. Included are all adjustments made as part of the FY 2003 Third Quarter Review:***

- ◆ A net decrease of \$182,682 due to a decrease of \$282,682 based on the completion of several projects and other reductions offset by an increase of \$100,000 to appropriate additional VDOT revenues for construction of the Allen Street project associated with the Board of Road Viewers program. General Fund monies of \$282,682 are transferred to Fund 303, County Construction, to support other capital project requirements.
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## FUND 308

### PUBLIC WORKS CONSTRUCTION

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#### ***County Executive Proposed FY 2004 Advertised Budget Plan***

### **Purpose**

This fund supports ongoing improvement projects for storm drainage and stormwater discharge permit requirements, dam repairs, road maintenance, streetlight installations, and the Developer Default Program. Storm drainage projects include corrections to emergency drainage problems, water quality improvements, and environmental monitoring. This fund supports many types of storm water control programs. The largest portion of this fund is provided to support requirements associated with the Municipal Separate Storm Sewer System (MS4) discharge permit which is part of the Clean Water Act of 1987 and requires water quality testing, watershed master planning, improvement programs, and development of the Geographic Information System (GIS)-based storm sewer system inventory. The MS4 discharge permit is considered a five-year renewal of the National Pollutant Discharge Elimination System (NPDES) permit, effective January 24, 2002. Permit activities are also impacted by other State and Federal mandates, including Total Maximum Daily Loads, the Chesapeake 2000 Agreement, and the Virginia Tributary Strategies. The Perennial Streams Mapping program supports stormwater control assessment by developing a base map of all stream channels in Fairfax County. The result will be a reliable map source depicting the stream network that distinguishes between perennial and intermittent streams, which will be included in the County's GIS.

In addition, the Virginia Department of Conservation and Recreation has classified the six dams maintained by the County as potential Class I hazards, which is interpreted as a being "located where failure will cause probable loss of life or serious damage to occupied buildings, industrial or commercial facilities, important public utilities, main highways or roads." The dam repairs project funds improvements necessary to meet State permit requirements, establish a monitoring program to assess dam integrity, implement dam repairs, and repair failed detention pond enhancements which fall beyond the scope of maintenance.

The road maintenance and road upgrading projects provide for the upgrading of County roads for acceptance into the State Secondary System and the ongoing maintenance costs for those roads that are not currently included in the State Secondary System. In addition, the County participates with the Virginia Department of Transportation (VDOT) to benefit from the construction of trails and storm sewer infrastructure associated with roadway improvements by sharing in the cost of the VDOT project. Both parties execute the agreements in advance of construction, and actual billing normally occurs after VDOT construction is complete.

The Citizen Petition Street Light Program provides residential lighting at locations justified and desired by residents. Approved locations are determined in consultation with the Fairfax County Police Department, based on nighttime crime rates and traffic safety. Street light petitions must meet pre-approved criteria and are presented annually to the Board of Supervisors for approval.

The Developer Default Program is necessitated by economic conditions surrounding the construction industry which result in some developers not completing required public facilities including acceptance of roads by the State, walkways, and storm drainage improvements. The costs of providing these improvements may be offset by the receipt of developer default revenues from developer escrow and court judgments and/or compromise settlements. Projects that are constructed with anticipated developer default revenues are dependent on recovery of such revenue. General Fund support of the program is necessary due to the time required between the construction of the improvements and the recovery of the bonds through legal action or when the developer default revenue is not sufficient to fund the entire cost of the project. It should be noted that there is currently no significant unfunded backlog of developer default projects.

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#### **FY 2004 Initiatives**

Funding in the amount of \$2,515,000 is included in Fund 308, Public Works Construction, in FY 2004. All projects funded in FY 2004 are supported by State revenues. It should be noted that funding has been limited to the most critical priority projects which are listed in the Summary of Capital Projects that follows.

#### **Funding Adjustments**

*The following funding adjustments reflect all approved changes to the FY 2003 Revised Budget Plan since passage of the FY 2003 Adopted Budget Plan. Included are all adjustments made as part of the FY 2002 Carryover Review and all other approved changes through December 31, 2002:*

- ◆ At the FY 2002 Carryover Review, the Board of Supervisors approved an increase of \$9,191,795 due to the carryover of unexpended project balances in the amount of \$9,116,579 and the appropriation of revenues in the amount of \$75,216. These revenues include: developer contributions of \$54,900 for storm drainage improvements in the vicinity of Kings Glen Subdivision and Magarity Mews, \$20,000 from the Chesapeake Bay Local Assistance Department grant, and \$316 from the sale of plans.

A Fund Statement, a Summary of Capital Projects, and Project Detail Tables for each project funded in FY 2004 are provided on the following pages. The Summary of Capital Projects may include some projects without a Total Project Estimate amount. These projects are considered "continuing" projects or projects for which funding is necessary on an ongoing basis (e.g., contingency or planning project). The Project Detail Tables include project location, description, source of funding, and completion schedules.

# FUND 308

## PUBLIC WORKS CONSTRUCTION

### FUND STATEMENT

#### Fund Type G30, Capital Project Funds

#### Fund 308, Public Works Construction

	FY 2002 Actual	FY 2003 Adopted Budget Plan	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan
<b>Beginning Balance</b>	<b>\$10,191,145</b>	<b>\$0</b>	<b>\$8,354,672</b>	<b>\$0</b>	<b>\$0</b>
Revenue:					
Streetlights <sup>1</sup>	\$0	\$0	\$31,104	\$0	\$0
Hunter Mill Streetlight Contributions	0	0	95,000	0	0
Developer Defaults <sup>2</sup>	117,896	300,000	931,049	0	0
Developer Contributions <sup>3</sup>	54,900	0	0	0	0
Miscellaneous <sup>4</sup>	316	0	0	0	0
Federal Aid <sup>5</sup>	15,988	0	74,012	0	0
Chesapeake Bay Local Assistance Grant <sup>6</sup>	14,042	0	5,958	0	0
State Aid <sup>7</sup>	1,085,224	2,620,000	2,720,000	2,515,000	2,045,000
<b>Total Revenue</b>	<b>\$1,288,366</b>	<b>\$2,920,000</b>	<b>\$3,857,123</b>	<b>\$2,515,000</b>	<b>\$2,045,000</b>
Transfer In:					
General Fund (001)	\$850,277	\$0	\$0	\$0	\$0
<b>Total Transfer In</b>	<b>\$850,277</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Available</b>	<b>\$12,329,788</b>	<b>\$2,920,000</b>	<b>\$12,211,795</b>	<b>\$2,515,000</b>	<b>\$2,045,000</b>
Total Expenditures	\$3,975,116	\$2,920,000	\$11,929,113	\$2,515,000	\$2,045,000
Transfers Out:					
County Construction (Fund 303) <sup>8</sup>	\$0	\$0	\$282,682	\$0	\$0
<b>Total Transfers Out</b>	<b>\$0</b>	<b>\$0</b>	<b>\$282,682</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Disbursements</b>	<b>\$3,975,116</b>	<b>\$2,920,000</b>	<b>\$12,211,795</b>	<b>\$2,515,000</b>	<b>\$2,045,000</b>
<b>Ending Balance</b>	<b>\$8,354,672</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<sup>1</sup> Developer Payments for Project Z00002, Developer Streetlight Program.

<sup>2</sup> Includes developer default revenues.

<sup>3</sup> Developer contributions were received for Kings Glen Subdivision and Magarity Mews storm drainage projects.

<sup>4</sup> Miscellaneous receipts include sale of plans.

<sup>5</sup> An amount of \$90,000 is anticipated from the Environmental Protection Agency Wetlands Grant Program associated with Project Z00020, Stormwater Control Planning. Revenues of \$15,988 were received in FY 2002 and \$74,012 is anticipated in FY 2003.

<sup>6</sup> An amount of \$20,000 is anticipated from the Chesapeake Bay Local Assistance Grant Program associated with Project Z00020, Stormwater Control Planning. Revenues of \$14,042 were received in FY 2002 and \$5,958 is anticipated in FY 2003.

<sup>7</sup> Represents HB599 State Aid.

<sup>8</sup> Represents General Fund monies no longer required and transferred to Fund 303, County Construction, to support other capital project requirements.

# FUND 308

## PUBLIC WORKS CONSTRUCTION

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### FY 2004 Summary of Capital Projects

#### Fund: 308 Public Works Construction

Project #	Description	Total Project Estimate	FY 2002 Actual Expenditures	FY 2003 Revised Budget	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan
A00002	Emergency Watershed Imp		\$192,394.68	\$209,766.84	\$95,000	\$45,000
L00034	Kingstowne Monitoring Program		45,146.70	360,438.23	125,000	125,000
M00075	Langhorne Acres	252,615	3,442.72	0.00	0	0
N00095	Dam Improvements And Inspections		4,906.56	870.96	0	0
N00096	Dam Repairs		926,892.54	1,932,803.64	200,000	100,000
U00005	Secondary Monumentation		61,779.88	0.00	95,000	75,000
U00006	Developer Defaults		669,524.11	1,417,716.34	100,000	100,000
U00100	VDOT Participation Projects		231,613.49	968,212.68	0	0
V00000	Road Viewer Projects		10,873.54	498,767.96	50,000	25,000
V00001	Road Maintenance Program		83,451.81	235,522.93	50,000	25,000
Z00001	Street Lights		1,103,791.08	865,889.04	0	0
Z00002	Developer Street Light Program		0.00	43,551.43	0	0
Z00007	Fund 308 Contingency		0.00	4,102.12	0	0
Z00013	Graffiti Abatement		835.00	148.00	0	0
Z00015	Hunter Mill District St Light Fund	95,000	0.00	95,000.00	0	0
Z00016	Minor Street Light Upgrades		12,717.26	6,405.74	0	0
Z00018	Storm Drainage Projects		364,709.91	2,241,832.52	0	0
Z00019	Countywide Stream Protection Study		34,520.34	0.00	0	0
Z00020	Stormwater Control Planning	390,000	163,894.50	131,981.71	0	0
Z00021	Perennial Stream Mapping	275,000	27,947.40	147,052.60	100,000	100,000
Z00022	Municipal Separate Storm Sewer System					
		4,255,724	36,674.22	2,769,049.84	1,700,000	1,450,000
<b>Total</b>		<b>\$5,268,339</b>	<b>\$3,975,115.74</b>	<b>\$11,929,112.58</b>	<b>\$2,515,000</b>	<b>\$2,045,000</b>

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## PUBLIC WORKS CONSTRUCTION

<b>A00002</b>	<b>Emergency Watershed Improvements</b>
Countywide	Countywide
<b>Description and Justification:</b> These funds are used Countywide for the correction of emergency drainage problems. This project (both engineering studies and construction) will alleviate flooding problems of a recurring or emergency nature, and due to their emergency nature cannot be identified in advance. FY 2004 funding in the amount of \$45,000 is included to alleviate small-scale emergency problems during the fiscal year.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land							
Acquisition		\$114,151	\$5,020	\$5,020	\$0	\$0	\$0
Design and Engineering		1,367,059	127,795	127,795	0	0	0
Construction		1,499,613	50,684	35,297	95,000	45,000	0
Other		58,879	8,896	41,655	0	0	0
Total	Continuing	\$3,039,703	\$192,395	\$209,767	<b>\$95,000</b>	<b>\$45,000</b>	\$0

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$45,000	\$45,000

# FUND 308

## PUBLIC WORKS CONSTRUCTION

<b>L00034</b>	<b>Kingstowne Environmental Monitoring Program</b>
Kingstowne Development/Huntley Meadows Park	Lee
<b>Description and Justification:</b> These funds are used to support the Kingstowne Environmental Monitoring program, which was established by the Board of Supervisors in June 1985 and is intended to continue until completion of the Kingstowne Development. In FY 2002 the program was expanded to include the water quality monitoring requirements required by the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension. FY 2004 funding in the amount of \$125,000 is included to continue monitoring efforts.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition		\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering		1,321,423	42,808	360,438	125,000	125,000	0
Construction		0	0	0	0	0	0
Other		980	2,339	0	0	0	0
<b>Total</b>	Continuing	<b>\$1,322,403</b>	<b>\$45,147</b>	<b>\$360,438</b>	<b>\$125,000</b>	<b>\$125,000</b>	<b>\$0</b>

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$125,000	\$125,000

# FUND 308 PUBLIC WORKS CONSTRUCTION

<b>N00096</b>	<b>Dam Repairs</b>
Countywide	Countywide
<b>Description and Justification:</b> This project funds improvements necessary to meet State permit requirements, establish a monitoring program to assess dam integrity, and implement dam repairs. The Virginia Department of Conservation and Recreation has classified the six dams maintained by the County as a Class I hazard potential. Class I dams are noted in the <u>Virginia Dam Safety Regulations</u> as "those located where failure will cause probable loss of life or serious damage to occupied buildings, industrial or commercial facilities, important public utilities, main highways or roads." In order to obtain the required permit certification for Class I dams, the County must perform inspections of all dams and begin to address safety improvements. This project also funds repair of failed detention pond enhancements, which fall beyond the scope of maintenance. FY 2004 funding in the amount of \$100,000 is included for conducting inspections, monitoring, and repairing dams and emergency spillways.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition		\$13,831	\$9,553	\$114	\$0	\$0	\$0
Design and Engineering		265,817	184,360	79,435	0	0	0
Construction		375,126	726,851	1,853,254	200,000	100,000	0
Other		8,745	6,128	0	0	0	0
<b>Total</b>	Continuing	<b>\$663,518</b>	<b>\$926,893</b>	<b>\$1,932,804</b>	<b>\$200,000</b>	<b>\$100,000</b>	<b>\$0</b>

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$100,000	\$100,000



# FUND 308 PUBLIC WORKS CONSTRUCTION

<b>U00005</b>	<b>Secondary Monumentation</b>
Countywide	Countywide
<b>Description and Justification:</b> This project supports the maintenance and establishment of geodetic survey control points for the GIS system. Monumentation is placed on the ground for the use of both the private and public sector for surveying and mapping control. More than 1,400 survey monuments have been established in the County, however it is estimated that more than one third of these no longer exist as a result of construction activities, erosion, and vandalism. FY 2004 funding in the amount of \$75,000 is included to support the maintenance and upgrading of existing GIS control points.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition		\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering		1,472,885	61,780	(61,500)	95,000	75,000	0
Construction		10,789	0	61,500	0	0	0
Other		1,775	0	0	0	0	0
Total	Continuing	\$1,485,449	\$61,780	\$0	<b>\$95,000</b>	<b>\$75,000</b>	\$0

Source of Funding				
General Funding	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$75,000	\$75,000

# FUND 308 PUBLIC WORKS CONSTRUCTION

<b>U00006</b>	<b>Developer Defaults</b>
Countywide	Countywide
<b>Description and Justification:</b> This project is necessitated by economic conditions surrounding the construction industry that result in some developers not completing required public facilities, including acceptance of roads by the State, walkways, and storm drainage improvements. The receipt of monies from developer escrow and court judgments and/or compromise settlements may offset these costs. FY 2004 funding in the amount of \$100,000 is included for construction of developer default projects which will be identified throughout the fiscal year. There is currently no significant unfunded backlog of developer default projects.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition		\$300,445	\$33,161	\$7,817	\$5,000	\$5,000	\$0
Design and Engineering		3,131,951	106,651	156,542	30,000	30,000	0
Construction		11,085,519	489,152	1,223,112	60,000	60,000	0
Other		412,178	40,560	30,245	5,000	5,000	0
Total	Continuing	\$14,930,093	\$669,524	\$1,417,716	<b>\$100,000</b>	<b>\$100,000</b>	\$0

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$100,000	\$100,000

# FUND 308

## PUBLIC WORKS CONSTRUCTION

<b>V00000</b>	<b>Road Viewer Program</b>
Countywide	Countywide
<b>Description and Justification:</b> This project provides for the upgrading of roads for acceptance into the State Secondary Road System. Funding provides for survey, engineering, and road construction of projects in the Board of Road Viewers Program. Once improvements are funded and completed, the need for ongoing County maintenance work on the roadway is eliminated. The Board of Road Viewers Program is enabled under the Code of Virginia and has been adopted by the Board of Supervisors. FY 2004 funding in the amount of \$25,000 is included to continue upgrading roads for acceptance into State Secondary Road System.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition		\$170,060	\$0	\$39,397	\$5,000	\$5,000	\$0
Design and Engineering		584,883	10,874	117,379	0	0	0
Construction		1,496,163	0	268,088	45,000	20,000	0
Other		125,983	0	73,903	0	0	0
<b>Total</b>	Continuing	<b>\$2,377,089</b>	<b>\$10,874</b>	<b>\$498,768</b>	<b>\$50,000</b>	<b>\$25,000</b>	<b>\$0</b>

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$25,000	\$25,000

# FUND 308

## PUBLIC WORKS CONSTRUCTION

<b>V00001</b>	<b>Road Maintenance Program</b>
Countywide	Countywide
<b>Description and Justification:</b> This project provides funding for maintenance of the roads in Fairfax County not currently included in the Virginia Department of Transportation (VDOT) Secondary Road System. The goal of this program is to ensure the safe operation of motor vehicles through maintenance of these existing County travelways. The State law (Section 33.1-225.3) permits Fairfax County to expend funds on roadway maintenance and minor improvements on roads not within the State Secondary Road System, provided such roads have a right-of-way of 15 feet minimum dedicated to public use. The maximum amount of mileage to be maintained under the State law shall not exceed 30 miles per year. Currently, 54 roads are included in the County program, having a total length of 4.5 miles. Maintenance work includes but is not limited to grading snow and ice control, replacement of substandard materials, patching of existing travelways, minor ditching, and stabilization of shoulders, slopes, and drainage facilities. FY 2004 funding in the amount of \$25,000 is included for continued road maintenance.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition		\$229,478	\$12,182	\$7,110	\$7,000	\$7,000	\$0
Design and Engineering		834,764	41,736	45,957	0	0	0
Construction		1,734,526	29,534	152,506	43,000	18,000	0
Other		94,186	0	29,950	0	0	0
<b>Total</b>	Continuing	<b>\$2,892,954</b>	<b>\$83,452</b>	<b>\$235,523</b>	<b>\$50,000</b>	<b>\$25,000</b>	<b>\$0</b>

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$25,000	\$25,000

# FUND 308 PUBLIC WORKS CONSTRUCTION

<b>Z00021</b>	<b>Perennial Stream Mapping</b>
Countywide	Countywide
<b>Description and Justification:</b> This project provides funding for the Perennial Streams Mapping Program, an effort to develop a base map of all stream channels in Fairfax County. The result will be a reliable map source depicting the stream network that distinguishes between perennial and intermittent streams, which will also be included in the County's Geographic Information System. FY 2004 funding in the amount of \$100,000 is included for the continuation of this project.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	127,272	0	27,272	0	100,000	100,000	0
Construction	147,053	0	0	147,053	0	0	0
Other	676	0	676	0	0	0	0
<b>Total</b>	<b>\$275,000</b>	<b>\$0</b>	<b>\$27,947</b>	<b>\$147,053</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$0</b>

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$100,000	\$100,000

# FUND 308 PUBLIC WORKS CONSTRUCTION

<b>Z00022</b>	<b>Municipal Separate Storm Sewer System</b>
Countywide	Countywide
<b>Description and Justification:</b> This project provides funding for the activities associated with the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit, which is required as part of the Clean Water Act amendments of 1987, and mandates implementation of a water quality management program. The MS4 discharge permit is considered a five-year renewal of the National Pollutant Discharge Elimination System (NPDES) permit, effective January 24, 2002. Activities include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory. FY 2004 funding in the amount of \$1,450,000 is included to continue this project. Permit activities are also impacted by other State and Federal mandates, including Total Maximum Daily Loads, the Chesapeake 2000 Agreement, and the Virginia Tributary Strategies.	

	Total Project Estimate	Prior Expenditures	FY 2002 Expenditures	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	FY 2004 Adopted Budget Plan	Future Years
Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design and Engineering	4,245,724	0	36,674	2,759,050	1,700,000	1,450,000	0
Construction	0	0	0	0	0	0	0
Other	10,000	0	0	10,000	0	0	0
<b>Total</b>	<b>\$4,255,724</b>	<b>\$0</b>	<b>\$36,674</b>	<b>\$2,769,050</b>	<b>\$1,700,000</b>	<b>\$1,450,000</b>	<b>\$0</b>

Source of Funding				
General Fund	General Obligation Bonds	Transfers from Other Funds	Other	Total Funding
\$0	\$0	\$0	\$1,450,000	\$1,450,000